CHARGER FOR CHARGING A BATTERY, AND METHOD FOR ITS OPERATION

Abstract

The invention relates to a charger for charging a battery and to a method for its operation. From the prior art, chargers with a charge-receiving mode for maintaining the battery voltage in a charged battery are known. The charge-receiving mode is characterized by two cyclically successive phases, a resting phase and a refreshing phase. During the resting phase, the battery discharges from an upper threshold voltage (U_{OG}) to a lower threshold voltage (U_{UG}). During the refreshing phase (A), the battery is charged again via a charge transformer (120) of the charger (100) from the lower to the upper threshold voltage. To minimize the power loss of the charger, it is proposed according to the invention that the charge transformer (120) in particular be switched off from the line voltage during the resting phase (R).

(Fig. 1)